

EC Council Network Security Administrator (ENSA)

Length: 5 Days

Summary: The EC-Council's Network Security Administrator looks at the network security in defensive view while the CEH certification program looks at the security in offensive mode. The ENSA program is designed to provide fundamental skills needed to analyze the internal and external security threats against a network, and to develop security policies that will protect an organization's information. Students will learn how to evaluate network and Internet security issues and design, and how to implement successful security policies and firewall strategies. In addition, they will learn how to expose system and network vulnerabilities and defend against them.

COURSE CONTENT

Module 01: Fundamentals of Computer Network

Module 02: Network Protocols

Module 03: Protocol Analysis

Module 04: Hardening Physical Security

Module 05: Network Security

Module 06: Security Standards Organizations

Module 07: Security Standards

Module 08: Security Policy

Module 09: IEEE Standards

Module 10: Network Security Threats

Module 11: Intrusion Detection System (IDS) and Intrusion Prevention Systems (IPS)

Module 12: Firewalls

Module 13: Packet Filtering and Proxy Servers

Module 14: Bastion Host and Honeypots

Module 15: Security Modems

Module 16: Troubleshooting Network

Module 17: Hardening Routers

Module 18: Hardening Operating Systems

Module 19: Patch Management

Module 20: Log Analysis

Module 21: Application Security

Module 22: Web Security

Module 23: E-mail Security

Module 24: Authentication: Encryption, Cryptography and Digital Signatures

Module 25: Virtual Private Networks and Remote Networking

Module 26: Wireless Network Security

Module 27: Creating Fault Tolerance

Module 28: Incident Response

Module 29: Disaster Recovery and Planning

Module 30: Network Vulnerability Assessment